

COMBINED DECLARATION AND POWER OF ATTORNEY (FOR PATENT APPLICATION)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

| | I am an original, first and joint at on the invention entitled: | inventor of the subject matter t | hat is claimed, and for whi | ich a |
|----------------|---|----------------------------------|--------------------------------|-------|
| MET | 'AL OXIDE NANOSTRUCTU | JRES WITH HIERARCHIC | AL MORPHOLOGY | |
| (check one) | [] is attached hereto. [X] was filed on Septemble Application Serial No.: 10/60 And was amended on, | 60,348 | · | |
| - | e that I have reviewed and unclaims, as amended by any amer | | above-identified specifica | tion, |
| | ow and do not believe that the any country before my or o | | | |
| | and do not believe that the in than one year prior to this appli | | on sale in the United State | s of |
| | the duty to disclose information the Title 37 CFR § 1.56(a). | on, which is material to the pat | entability of this application | n in |
| inventor's cer | n foreign priority benefits under tificate listed below and have dificate having a filing date before | also identified below any for | eign application for pater | |
| Prior Foreign | Application(s) | Date Filed | Priority Claim | ed. |
| Number | Country | | [] [] Yes No | |
| Number | Country | | [] [] Yes No | |
| | | | | |

Serial No.: 10/660,348

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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number Filing Date

1. 60/410,322 12 September 2002

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Number Filing Date Status – patented, pending, abandoned

1.

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

| APPOINTED PRACTITIONER(S) | REGISTRATION NUMBER(S) |
|---------------------------|------------------------|
| Kathleen M. Williams | 34,380 |
| Richard B. Smith | 34,020 |
| Paula Campbell Evans | 32,503 |
| Anthony Miele | 34,393 |
| Barbara Gyure | 34,614 |
| David Dykeman | 46,678 |
| Mark J. FitzGerald | 45,928 |
| Elizabeth Neuman Spar | 45,123 |
| Matthew M. Beaudet | 50,649 |
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| David Rucando | 52,184 |
| Sundar Subramanyam | 53,651 |
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Direct all telephone calls to Paula Campbell Evans at (617) 239-0100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| First Named In | aventor: |
|----------------|----------|
|----------------|----------|

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